KHMELEVA, N.N.

Accumulation of radioactive isotopes of strontium, calcium,
yttrium and cerium in amphipods. Radiobiologiia 2 no.6:
944-946   '62

(MIRA 16:11)

1. Zoologicheskiy institut AN SSSR, Leningrad.

USSR/Geology - Erosion

Card 1/1   Pub. 45 - 11/17

Authors   : Lidov, V. P.; Dik, N. Ye.; Nikolaevskiy, Ye. M.; Setunskaya, L. Ye.;
             and Khmelevaya, N. V.
Title   : Classification of recent linear forms of erosion

Periodical : Izv. AN SSSR. Ser. geog. 3, 91-99, May - Jun 1954

Abstract   : A study is made of the work of classifying forms of erosion along the
             following basic lines: establishing qualitative differences of the diff-
             erent types of forms depending on the intensity of the erosion processes,
             distinguishing between the types of forms in accordance with the stage
             of development in evolutionary sequence and showing the nature of the
             interacting processes on the bilges and slopes of the forms. Five USSR
             references (1950-1952). Tables.

Institution: .....

Submitted: .....

LIDOV, V.P.; DIK, N.Ye.; NIKOLAYEVSKAYA, Ye.M.; KHMELEVA, N.V.

Still more about boundaries of geographical regions. Izv.Vses.
geog.ob-va 86 no.1:57-66 Ja-F '54.

(MLRA 7:2)

(Geography)

Khmeleva, N. V.

USSR/ Geography

Card 1/1 Pub. 45 - 3/14

Authors : Nefed'yeva, Ye. A., and Khmeleva, N. V.

Title : Certain results of studying linear erosion forms in the laboratory

Periodical : Izv. AN SSSR. Ser. geog. 6, 25 - 31, Nov-Dec 1955

Abstract : Certain scientific-laboratory results obtained in studying the linear forms of erosion are described. Six USSR references (1947-1953). Diagrams.

Institution : Acad. of Sc., USSR, Inst. of Geography, Geographic Faculty at the Moscow State University

Submitted : .....

USSR/Geophysics - Geography of Rivers

KhmeLeva, N. V.

Card 1/1   : Pub. 129-15/25

FD-1690

Author   : Makkaveyev, N. I.; Kapitsa, A. P.; and Khmeleva, N. V.

Title   : Experimental investigation of the processes governing the development of the longitudinal profile of a river (preliminary account)

Periodical : Vest. Mosk. un., Ser. fizikomat. i yest. nauk, Vol. 10, 139-152, Feb 1955

Abstract   : The author attempts to establish the influence, upon the development of the longitudinal profile and upon the formation of terraces of river valleys, of variations of saturation of streams by alluvia; to investigate the peculiarities of the variations for fluctuations of the principal basis of erosion of a river system and the form of the terraces occurring under these conditions; and to determine the nature of the influence upon the longitudinal profile of reservoirs constructed in the middle reaches of the river. No references.

Periodical : Chair of Geomorphology

Submitted   : October 26, 1954

LIDOV, V.P., SETUNSKAYA, L.Ye., KHMELEVA, N.V.

Quantitative studies of micro-relief associated with soil erosion.
Izv.Vses.geog.ob-va 87 no.6:542-546 N-D '55.
(Erosion)   (MLRA 9:3)

NEFED'YEVA, Ye.A.; KHMELEVA, N.V.

Study of eroded forms of the relief by the experimental method.
Trudy Inst.geog.68:5-36 '56/
(Erosion) (Physical geography--Electromechanical analogies)   (MIRA 9:9)

MAKKAVEYEV, N.I.; KHMELEVA, N.V.

Result of laboratory analyses of the silting process in reservoirs; summary of the report. Trudy Lab. ozeroved. 7:91 '58.   (MIRA 11:10)

1.Moskovskiy gosudarstvennyy universitet.
            (Reservoirs) (Silt--Analysis)

KHMELEVA, N. V.: Master Geogr Sci (diss) -- "Experience in studying the proces-
ses of accelerated erosion by the quantitative method under field and laboratory
conditions (The example of forms created by temporary streams)". Moscow, 1959.
16 pp (Moscow Order of Lenin and Order of Labor Red Banner State U im M. V.
Lomonosov), 150 copies (KL, No 14, 1959, 118)

LIDOV, V.P.; DIK, N.Ye.; NIKOLAYEVSKAYA, Ye.M.; KHMELEVA, N.V.

Bottom gullies and their development; based on studies in
key areas of the right banks of the Don. Trudy Inst.lesa 44:
103-137 '59.   (MIRA 12:9)
          (Don Valley—Erosion)

MAKKAVEYEV, N.I., prof.; KIMELEVA, N.V.; ZAITOV, I.R.; LEBEDEVA, N.V.;
MEDVEDEV, V.S.; LAZAREVA, L.V., tekhn. red.

[Experimental geomorphology] Eksperimental'naia geomorfologiia.
By N.I.Makkaveev i dr. Moskva, Izd-vo Mosk. univ., 1961. 193 p.
(MIRA 15:1)
(Geological research)

MAKKAVEYEV, N.I.; KHMELEVA, N.V.

Laboratory studies on the influence of tectonic movements on river valley formation. Izv. AN SSSR. Ser. geog. no. 4:110-117 Jl-Ag '61.   (MIRA 14:7)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
        (Geology, Structural) (Valleys)

KHMELEVA, N.V.; BORSUK, O.A.

Types of gullies in the middle section of the Akbura Valley. Vest.
Mosk. un. Ser. 5:Geog. 18 no.2:44-49 Mr-Ap '63.   (MIRA 16:3)

1. Kafedra geomorfologii Moskovskogo universiteta.
                    (Akbura Valley—Erosion)

FEDOSEYEVA, T.P.; KHMELEVA, N.V.

Influence of natural conditions and the use of land for farming
on the erosional processes of the Orel-Samara interfluve. Vest.
Mosk. un. Ser. 5: Geog. 20 no.1:19-26 Ja-F '65.   (MIRA 18:3)

1. Kafedra geomorfologii i kafedra ekonomicheskoy geografii
SSSR Moskovskogo universiteta.

3(7)
AUTHORS: Sitnik, G.F. and Khmeleva, R.N.   SOV/33-35-6-14/18

TITLE: Some Conclusions Derived from Observations of the Coefficient
of Transparency of the Earth's Atmosphere at Kuchino

PERIODICAL: The authors discuss the results of photoelectric observations
of solar halos and of the coefficient of transparency p of the
earth's atmosphere carried out since 1947 by Ye.V.
Pyaskovskaya – Fesenkova at Kuchino. The mean value of p is
given for two effective wavelengths $(\lambda_{eff} = 5493$ Å and =
$= 6635$ Å) on steady days with a small scattering coefficient.
It has been concluded from a comparison with meteorological
data that the optical properties of the earth's atmosphere in
their stability at the place of observation essentially de-
pend on the conservation of the type of the air mass. The
authors mention an antiquated method due to V.G. Fesenkov,
[Ref 3] .

Card 1/e   PERIODICAL: Astron. zhur. 35, no. 6, 932-35, N-D '58

    ASSOCIATION: State Astronomical Inst. im. P. K. Shternberg

23930
S/035/61/000/006/012/044
A001/A101

3, 1510

AUTHOR: Sitnik, G.F., Khmeleva, R.N.

TITLE: The results of measuring the circumsolar aureole and transparency
coefficient with an aureole photometer

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 6, 1961, 26, ab-
stract 6A228 ("Soobshch. Gos. astron. in-ta im. P.K. Shternberga",
1960, no. 109, 28 - 62)

TEXT: The authors describe the results of observations of circumsolar au-
reoles at the Kuchino Astrophysical Observatory. The observations were carried
out with a V.G. Fesenkov aureole photometer equipped with racks for micrometric
shifts of the tube along the height and azimuth. A green and red light filter were
used to single out spectrum sections with effective wavelengths $\lambda 5493$ and $\lambda 6635$.
The results of measuring the radiation flux F_n from the aureole and $F_\odot$ from the
Sun make it possible to find scattering coefficient μ per unit of atmospheric mass
m by the formula: $\mu = F_n/F_\odot$ m. If μ is constant, according to criterion of V.G.
Fesenkov and Ye.V. Pyaskovskaya-Fesenkova, the atmosphere is stable. Practically,
at fluctuations of μ not exceeding 9%, the atmosphere was considered to be stable.

Card 1/3

23930 S/035/61/000/006/012/044
A001/A101

The authors present graphs of different degrees of stability. In correspondence with data of V.B. Nikonov and Ye.V. Pyaskovskaya-Fesenkova, relative aureole was the best stability criterion. Simultaneously were carried out observations of coefficients of atmospheric transparency which were compared with data of meteorological observations. Dependent on the direction of air masses, all observation days can be divided into two groups: 1) air masses come from the north, north-west and north-east directions; 2) air masses come from all other directions. It follows from the tables presented that air masses of northern directions have small values of μ and transparency coefficients p have near values. For south eastern and western air masses stable days can be divided into two groups: 1) $\mu \leq 0.3$ and 2) $\mu > 0.3$. In the first case coefficient $p \approx 0.790$ at λ_{ef} 5493 and $p \approx 0.870$ at λ_{ef} 6635. At $\mu > 0.3$, p is considerably smaller and root-mean-square error of an individual measurement is greater. Particular cases of observations of air mass movements and optical stability of the atmosphere are considered. The most of unstable days occur when air masses are changed. If the type of air masses is preserved, a stability of optical properties can be expected. The presence of a frontal zone or a front is associated with optical instability. The instability deter-

Card 2/3

The results of measuring ...

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S/035/61/000/006/012/044
A001/A101

mined at Kuchino is due to effects of local conditions. Mainly, however, disturbances of stability are connected with changes of air masses or their type.

G. Livshits

[Abstracter's note: Complete translation]

Card 3/3

KHMELEVA, S.

Relying on the actively interested group. Prom. koop. 12 no.3:8 Mr '58. (MIRA 11:3)

1. Bibliotekar' arteli "Mostrikovyax'".
(Libraries, Special)

Khmeleva T. G.

USSR / General Division, Problems of Teaching   A-7

Abs Jour : Ref Zhur - Biol., No 1, 1958, No 164

Author   : Khmeleva, T.G., Dushutina, K.I.

Inst   : Not Given

Title   : Some Observations on the Life of Nutria in Laboratory Conditions

Orig Pub : Sb. stud. rabot fak. estastvozn. Kurskogo gos. ped. in-ta, 1956,
           vyp. 1, 88-91

Abstract : No abstract

Card   : 1/1

KLUTS, L.; KOTLYAR, L.; CHUGUNKIN, P.; SURAY, I.; KHMELEVA, V.

"You live wonderfully, comrades!" Okh.truda i sots.strakh. no.1:
48-49 Ja '60.   (MIRA 13:5)

1. Reydovaya brigada zhurnala "Okhrana truda i sotsial'noye
strakhovaniye" (for all). 2. Tekhnicheskiy inspektor Moskovskogo
gorodskogo soveta profsoyuzov (for Kluts). 3. Inzhener po tekhnike
bezopasnosti Rostokinskogo mekhovogo kombinata (for Kotlyar).
4. Obshchestvennyy inspektor okhrany truda mekhanosborochbinata
(for Kotlyar). 4. Obshchestvennyy inspektor okhrany truda
mekhanosborochnogo tsekha zavoda "Elektroschetchik" (for Chugunkin).
5. Obshchestvennyy inspektor okhrany truda Vtorogo trolleybusnogo
parka (for Suray). 6. Spetsial'nyy korrespondent zhurnala
"Okhrana i truda i sotsial'noye strakhovaniye" (for Khmeleva).

                    (Moscow--Trolley buses)

SAPRONOVA, M.; TRAPEZNIKOV, A.; SOBOLEVA, Ye.; ZAYTSEV, I.; KHMELEVA, V.

Today you hibernate, tomorrow you rush. Okhr. truda i sots.
strakh. 4 no.8:20-23 Ag '61.   (MIRA 14:11)

1. Zaveduyushchaya sdravpunktom zavoda khimicheskogo machinostroyeniya,
g. Yaroslavl' (for Sapronova). 2. Vneshtatnyy tekhnicheskiy inspektor
Yaroslavskogo Dorozhnogo komiteta professional'nogo soyuza rabotnikov
zheleznodorozhnogo transporta (for Trapeznikov). 3. Zamestitel' pred-
sedatelya zavodskogo komiteta shinnogo zavoda, g. Yaroslavl' (for
Soboleva). 4. Glavnyy inzh. Yaroslavskogo oblastnogo otdela zdravo-
okhraneniya (for Zaytsev). 5. Spetsial'nyy korrespondent zhurnala.
"Okhrana truda i sotsial'noye strakhovaniye", g. Yaroslavl' (for
Khmeleva).
             (Yaroslavl Province—Hospitals—Construction)

VISHNEVSKAYA, A.; FROLOVA, V.; KURILOV,V.; CHUBCHENKO, F.; KHMELEVA, V.

When Ivan points at Foma. Okhr. truda i sots. strakh. 5 no.6:31-33 Je
'62.   (MIRA 15:7)

1. Doverennyy vrach Orlovskogo oblastnogo soveta profsoyuzov (for
Vishnevskaya). 2. Profsoyuznyy organizator grupp tsekha No.3 Kurskoy
obuvnoy fabriki (for Frolova). 3. Korrespondnet gazety "Kurskaya
pravada" (for Chubchenko). 4. Spetsial'nyy korrespondent zhurnala
"Okhrana truda i sotsial'noye strakhovaniye" (for Khmeleva).
            (Kursk Province—Hospitals—Construction)

BIRYUKOVA, N.,; CHERNYAK, A., vrach; GRACHEVA, A., strakhovpy
      delegat; KULAKOVA, V., tkachikha; KONSTANTINOVA, N., doverennyy
      vrach; KHMELEVA, V.

Payments out of state funds are not "a burden." Okh.truda i
sots.strakh. 5 no.1:24-25 Ja '62.   (MIRA 15:2)

1. Zamestitel' nachal'nika medsanchasti Gus'-Khrustal'nogo
zavoda imeni Dzerzhinskogo (for Biryukova). 2. 2-ya
Kovrovskaya bol'nitsa (for Chernyak). 3. Vladimirskaya
kontora svyazi (for Gracheva). 4. Karabanovskiy tekstil'nyy
kombinat (for Kulakova). 5. Moskovskiy gorodskoy sovet
professional'nykh soyuzov (for Konstantinova). 6. Spetsial'nyy
korrespondent zhurnala "Okhrana truda i sotsial'noye
strakhvaniye" (for Khmeleva).
        (Vladimir Province—Medicine, Industrial)

KHMELEVA, V.

In the distant Khakass steppe. Okhr, truda i sots. strakh. 5 no.6:20-21 Je '62.   (MIRA 15:7)

1. Spetsial'nyy korrespondent zhurnala "Okhrana truda i sotsial'noye strakhovaniye".
        (Khakass Autonomous Province—Women as physicians)

KHMELEVA, V. (Karabanovo, Vladimirskoy obl.)

Generous soul. Okhr.truda i sots.strakh. 5 no.10:27-28 O
'62.   (MIRA 15:11)
(Karabanovo (Vladimir Province)—Textile industry—Hygienic aspects)

KHMELEVA, V.; SHUSHKEVICH, G.

In cooperation with leaders in agiculture. Prof.-tekh.obr. 11 no.3:
5-6 '54. (MLRA 7:8)

1. Zamestitel' direktora po uchebno-proizvodstvennoy chasti mele-
kesskogo uchilishcha mekhanizatsii sel'skogo khozyaystva (Ul'ya-
novskaya oblast') (for Shushkevich)
        (Ul'yanov Province--Farm mechanization--Study and teaching)
        (Farm mechanization--Study and teaching--Ul'yanov Province)

FILIPPOV, P. (Murmansk); KHMELEVA, V. (Murmansk)

They sit at the sea shore and wait for good weather. Okhr. truda
i sots. strakh. 5 no.9:33-34 S '62.   (MIRA 16:5)

1. Spetsial'nyy korrespondent zhurnala "Okhrana truda i sotsial'noye
strakhovaniye" (for Khmeleva).
                    (MURMANSK—FISHERMEN—MEDICAL CARE)

KHMELEVA, V.

On the "Mikhaylovskiy Pereval" State Farm. Okhr. truda i sots.
strakh. 6 no.10:30-31 O '63.   (MIRA 16:11)

KHMELEVA, V. (Minsk)

With the help of an activist group. Okhr. truda i sots. strakh. 7 no. 2:18-19 F '64.   (MIRA 17:2)

CHERNYY, P.; KHMELEVA, V.I., redaktor; KRYNOCHKINA, K.V., tekhnicheskiy
    redaktor.

[My work practice on an excavator] Moi opyt raboty na ekskavatore.
Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1954. 29 p.
    (Excavating machinery)   (MLRA 7:8)

DIKOV, Yuriy; LEVINSON, S.Ya., nauchnyy redaktor; KHMELEVA, ~~N.V.~~, redaktor; KRYNOCHKINA, K.V., tekhnicheskiy redaktor.

[Rapid method] Skorostnym metodom. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1954. 51 p.   (MLRA 8:3)
(Turning)

PRIVALOV, Mikhail Moiseyevich; KHMELEVA, V.I., redaktor.

[A great honor] Bol'shaia chest'. Moskva, Vses. uchebno-
pedagog. izd-vo Trudreservizdat, 1955. 158 p. (MLRA 8:7)
(Steelworkers)

KH MELEVA, V. I.

ZHUKOV, Nikolay Andreyevich; KUL'BACHNYY, N.G. prof.,doktor technicheskikh nauk,redaktor;KHMELEVA,V.I., redaktor; KRYNOCHKINA, K.V., tekhnicheskiy redaktor

[Steel arteries] Stal'nye arterii. Moskva, Vses. uchebno-pedagog. izd-vo, 1955. 61 p.   (MLRA 8:7)
            (Rolling mills)

NEDOSEKIN, Roal'd Konstantinovich; KHMELEVA, V.I., redaktor; KRYNOCH-
KINA,K.V., tekhnicheskiy redaktor.

[With a diploma] S attestatom zrelosti. Moskva, Vses. uchebno-
pedagog. izd-vo, 1955. 114 p.   (MLRA 8:6)
                    (Technical education)

KHMELEVA, Yu.A., kand. tekhn. nauk; ALEKSANDROV, I.I., inzh.

Selecting high-strength cast iron for the pistons of 2D100 diesel locomotives. Trudy VNITI no.19:199-213 '64.

(MIRA 18:3)

1. Kolomenskiy teplovoznyy zavod imeni Kuybysheva.

SHUBEKO, P.Z.; KHMELEVOY, S.K.; KOLODYAZHNYY, I.V.

High-speed drying of ammonium sulfate in a vortex chamber. Koks i khim.
no.1:38-40 '63.   (MIRA 16:2)

1. Moskovskiy koksogazovyy zavod.
                    (Ammonium sulfate—Drying)

GUBANOV, A. G.; LITVINOV, V. V.; SMIRNOV, A. A.; KHMELEVSKAYA, G. A.

Experimental data on the use of porolon for alloplasty. Grud. khir.
no.4:66-71 '61.   (MIRA 14:12)

1. Iz Kiyevskogo nauchno-issledovatel'skogo instituta tuberkuleza imeni
akademika F. G. Yanovskogo i Nauchno-issledovatel'skogo instituta
meditsinskoy klimatologii i klimatoterapii imeni I. M. Sechenova
(Yalta). Adres avtorov: Krym, Yalta, ul. Dzerzhinskogo, d. 48, Institut
imeni I. M. Sechnova, korp. 12

          (PLASTICS—THERAPEUTIC USE)
          (LUNGS—SURGERY)

GIL'MAN, A.G.; GOROVENKO, O.G.; SHEVCHENKO, K.A.; SUSLOVA, A.L.;
KHMELEVSKAYA, G.A.

Comparative study of the status of tuberculosis following pulmo-
nary resection under climatic conditions of the southern shore
of the Crimea and the central part of the Ukraine. Probl.tub.
no.1:52-60 '62.   (MIRA 15:8)

1. Iz khirurgicheskoy kliniki (zav. - prof. A.G. Gil'man) Insti-
tuta meditsinskoy klimatologii i klimatoterapii imeni I.M.
Sechenova (dir. B.V. Bogutskiy).
       (TUBERCULOSIS)   (LUNGS—SURGERY)

LEBEDEVA, T.G. [Lebedieva, T.H.], kand.med.nauk; KHMELEVSKAYA, G.O.
[Khmelievs'ka, H.O.]

Tuberculosis and infectious lymphocytosis with slight symptoms.
Ped., akush. i gin. 23 no.5:24-25 '61.   (MIRA 14:12)

1. Klinika detskogo tuberkuleza i kliniko-diagnosticheskoy laboratorii
instituta meditsinskoy klimatologii i klimatoterapii im. I.M.Sechenova
(direktor – B.V. Bogutskiy [Bohuts'kyi, B.V.], g.Yaltsa.
            (TUBERCULOSIS)   (LYMPHOCYTES)

CA

8

PROCESSES AND PROPERTIES

1ST AND 2ND ORDERS

Refractive indexes of the homogeneous masses of some caustobiolites. L. V. Khmelevskaya. Mem. soc. russe mineral. 67, 305-8 (1938); Chem. Zentr. 1939, II, 1438. The ns were detd. for peat, brown coal, mineral coal, sapropelite and asphaltite especially for use in detg. the presence of these materials in minerals. M. O. M

ASM - SLA METALLURGICAL LITERATURE CLASSIFICATION

Hydrogen and its role in the formation of petroleum.
L. V. Komelevskaya. Izvil. Akad. Nauk S.S.S.R.,
Ser. Geol. 1947, No. 4, 107-16; Chem. Zentr. (Russian
Zone Ed.) 1949, I, 820-1.—In the biochem. processes
which result in the formation of petroleum a considerable
amt. of H is consumed for the hydrogenation of the original
substances. Many minerals give off H when heated to
approx. 800° owing to the interaction of the water present
with Fe minerals. The formation of petroleum must have
taken place below the 250° geoisotherm and H must have
diffused from somewhat deeper zones into the petroleum
gang. Since under these conditions hydrogenation could
occur only in the presence of a catalyst it is assumed
that the clay minerals present must have played this role.

M. G. Klaue

KHMELEVSKAYA, L. V.

PA 35/49T46

USSR/Geological Prospecting
Petroleum Deposits

Dec 48

"The Problem Concerning the Paragenesis of Titanium organic Carbon, and Several Other Elements," L. V. Khmelevskaya, N. G. Morozova, K. I. Taganov, S. M. Katchenkov, I. A. Voytsekhovich, All-Union Petroleum Sci Res Geol Prospecting Inst, 3 PP

"Dok Ak Nauk SSSR" Vol LXIII, No 6, p 713

Spectrographic and statistical analysis of 87 sandstones taken from Maykopskiy, Chokrakskiy, Karaganskiy, and Sarmatskiy deposits in the layer of oil-bearing deposits of Groznenskiy Rayon, Terskiy Oblast. Found that presence of organic carbon,

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USSR/Geological Prospecting (Contd)   Dec 48

vanadium, manganese, titanium, nickel, barium and strontium in various lithologic groups -- sand-siltstone, clay, and carbon -- was not connected exclusively with any of them. Submitted by Acad D. B. Belyankin, 27 Oct 48.

35/49T46

KHMELEVSKAYA, L. V.

Khmelevskaya, L. V. "The fossilization of the annelides in the Paleozoic period of the Kara-Tau range in the valley of the Sim River of the Bashkir ASSR", Trudy Vsesoyuz. neft. nauch.-issled. geol.-razved. in-ta, New series, Issue 34, 1949, p. 223-30, with table. - Bibliog: 230. (p.)

SO: U-4392, 19 August 53, (Letopis 'Zhurnal 'nykh Statey, no 21, 1949).

KHMELEVSKAYA, L.V.

Temperature regime of the Norwegian and Greenland Seas, Trudy
Inst. okean. 72:167-177 '63.   (MIRA 17:8)

L 1950

£8156
S/122/61/000/003/009/013
D241/D305

AUTHORS: Zemskov, G.V., Candidate of Technical Sciences,
             Docent, Smekh, Ye.V., Gushkin, L.K., and Khmelevs-
             kaya, M. Ye., Engineers

TITLE: Ultrasonic cleaning of steel from scales

PERIODICAL: Vestnik mashinostroyeniya, no. 3, 1961, 59-61

TEXT: .The authors carried out research on the effect of ultra-
sonics on cleaning steel wire after drawing and patenting as well
as on clock files and ordinary files after their hardening in oil.
Pickling was carried out in a stainless steel bath. The ultrasonic
vibrations were produced by a valve generator of 2.5 KW and em-
ploying a band of frequencies of 18 - 50 Kc. Nickel and "permen-
dure" (K50F2) magnetostrictive vibrators mounted below and on the
side of the bath produced the vibrations. No effect of frequency
variation on the speed of etching was observed. The wire was trea-
ted in bundles, whereas the files were etched in bunches. Use was
made of the following media: Water, a solution of sulphuric

Card 1/5

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D241/D305

Ultrasonic cleaning of steel ...

and hydrochloric acids, their mixtures and solutions of culinary salt and alkalis. The relationship between the time of cleaning and the composition, concentration and temperature of solutions was established. The effect of the number of rows of wire in a bundle was also investigated. For comparison purposes experiments were carried out without the ultrasonics. Fig. 1 illustrates the relationship between the time of etching a patented wire in steel 70 and the concentration of acids. It can be seen from the graphs that the duration of etching is reduced by tens of times, and it reaches the minimum with a concentration that is lower than in normal etching. This allows a less frequent renewal of solutions. The effect of temperature is indicated graphically also. With lower concentrations of acids there is a greater effect of temperature on the speed of etching. The introduction of hydrochloric acid into the sulphuric acid solution increases the speed of pickling and produces a clearer metal surface. The most suitable solutions are the 10% sulphuric or hydrochloric acid with a content of 5% NaCl. The effect of screening due to the number of rows of wire in the bundles is also shown. If the article is preliminarily

Card 2/ 5

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Ultrasonic cleaning of steel ...

S/122/61/000/003/009/013
D241/D305

treated during 5-10 minutes in a solution of sulphuric or hydro-
chloric acids and then cleaned by ultrasonics in water, the scales
will be removed in 1 - 3 minutes which is a few times slower than
in a solution of acid. Cleaning in water promotes rinsing of the
etching solution. This can lead to a reduction of brittleness due
to hydrogen. The mechanics of ultrasonic removal of scales is then
described. There are 4 figures and 2 references: 1 Soviet-bloc and
1 non-Soviet-bloc.

Card 3/5

L 14573-66   EWT(m)/EWA(d)/EWP(t)/EWP(z)/EWP(b)   IJP(c)   MJW/JD/HW/WB/MGW(CL)

ACC NR: AP6004167   (N)

SOURCE CODE: UR/0114/66/000/001/0034/0035

AUTHOR: Zemskov, G. V. (Candidate of technical sciences; Docent); Kogan, R. L. (Candidate of technical sciences; Docent); Kostenko, A. V. (Engineer); Khmelevskaya, M. Ye. (Engineer)

ORG: none

TITLE: Titanium-silicon and titanium-aluminum coatings of nickel-base alloy

SOURCE: Energomashinostroyeniye, no. 1, 1966, 34-35

TOPIC TAGS: nickel, nickel alloy, nickel alloy coating, titanium silicon coating, titanium aluminum coating, coating oxidation, oxidation resistance, oxidation resistance, coating, coating corrosion, gas corrosion, corrosion resistance/ZhS6-K nickel alloy

ABSTRACT: An attempt has been made to improve the resistance of ZhS6-K nickel-base alloy to gas corrosion at 850—900C in an atmosphere containing sulfur and sea-water vapors by means of titanium-silicon and titanium-aluminum diffusion coatings. Coating was done by pack cementation with coating elements used simultaneously or serially. It was found that in simultaneous impregnation, the depth of the diffusion layer decreases with an increase of titanium in the mixture. At a titanium content of 90—95%, mainly titanium diffuses while at a titanium content of 30—35%, silicon or aluminum diffuse. Best results in simultaneous impregnation were obtained at 900C

Card 1/2   UDC: 669.65:669.295.001.5

L 14573-66

ACC NR: AP6004167

with a mixture containing 60—80% Ti.   The   stepwise   impregnation   produced
better results than the simultaneous impregnation, especially when silicon or alumi-
num were applied first. Both silicon-titanium and aluminum-titanium coatings greatly
increased the resistance of ZhS6-K alloy to gas corrosion. In tests at 900C, after
15 hr the uncoated alloy was corroded to a depth of 1000—1500μ and coated alloy
to a depth of only 100μ. Orig. art. has: 4 figures.
                                                                    [ND]

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 002/ ATD PRESS: 4189

fw

Card 2/2

ACC NR: AP6030864   SOURCE CODE: UR/0365/66/002/005/0576/0580

AUTHOR: Zemakov, G. V.; Kogan, R. L.; Dombrovskaya, Ye. V.; Kostenko, A. V.;
Shevchenko, I. M.; Koss, Ye. V.; Fadeyeva, E. V.; Khmelevskaya, M. Ye.; Mikotina, N. F.

ORG: Odessa Polytechnical Institute (Odesskiy politekhnicheskiy institut)

TITLE: Protective diffusion coatings of nickel alloy

SOURCE: Zashchita metallov, v. 2, no. 5, 1966, 576-580

TOPIC TAGS: nickel chromium alloy, aluminum containing alloy, titanium containing
alloy, tungsten containing alloy, alloy protective coating, alloy corrosion resistance
diffusion coating alloy, alloy oxidation resistance/ZhS6-K alloy

ABSTRACT: A series of diffusion coatings were tested for protection of ZhS6-K nickel
base alloy (0.13—0.20% carbon, 10.5—12.5% chromium, 5—6% aluminum, 2.5—3% titanium,
2.5—3% tungsten, 4.5—5.5% molybdenum, 0.13—0.20% boron) against gas corrosion in a
mixture of products of sulfurous fuel combustion and sea water vapors after all
attempts to improve alloy oxidation resistance by alloying failed. Alloy specimens
were diffusion coated with one or two elements used simultaneously or one after the other.
The coating was done by a pack cementation at 900—1000C for 10 hr. Chromium, alumi-
num, silicon, titanium, boron, cerium, beryllium, and magnesium were used as single-
element coatings. Chromium with titanium, silicon, aluminum, or boron; aluminum with
boron, cerium, or titanium; titanium with silicon or boron; manganese with boron;

Card   1/4   UDC: 621.793.4
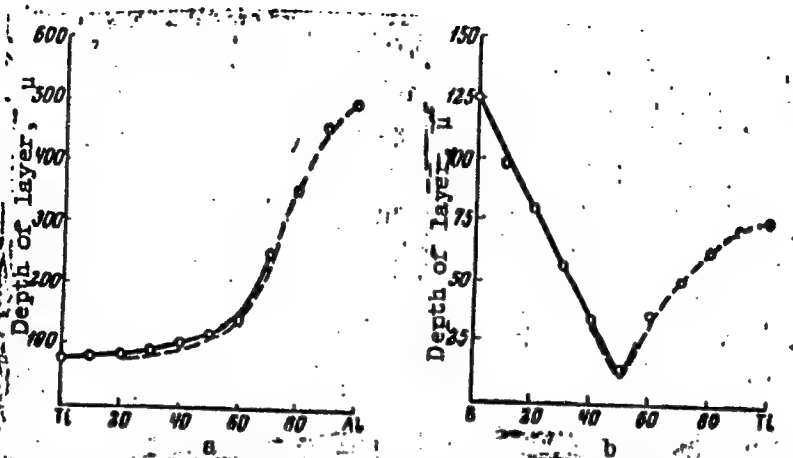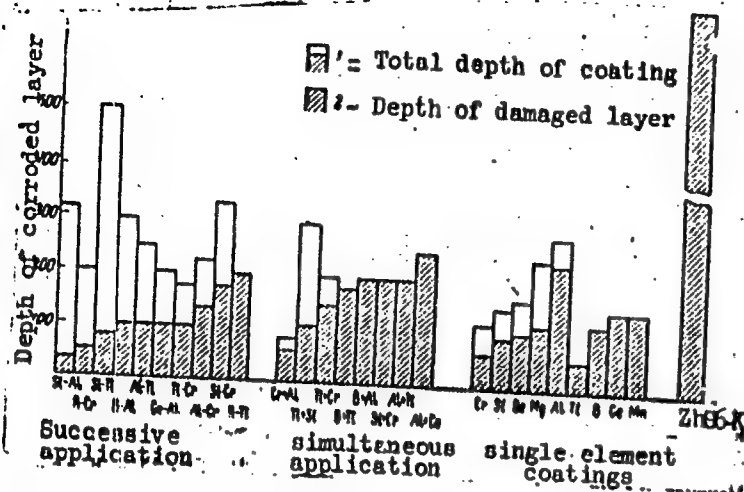
ACC NR: AP6030864

Fig. 1. Dependence of the change of the diffusion layer depth upon the content of elements in the mixture

a - Aluminum-silicon impregnation; b - boron-titanium impregnation.

Card 2/4

L 44077-66

Fig. 2. Depth of corrosion in coated and uncoated ZhS6-K alloy.

cerium with boron; and silicon with aluminum were used for binary coatings. Corrosion tests were done in combustion products containing 0.74% and 0.11% sea water at 900C for 15 hr. It was found that all the coatings tested have a higher corrosion resistance than the uncoated alloy (see Fig. 1). Binary coatings protect the alloy more efficiently than single-element coatings, especially with the consecutive method of

Card   3/4

L 44077-66

ACC NR: AP6030864   0

application.   Coatings obtained by this method have a higher concentration of elements
and a more uniform structure of the surface layer than the coatings applied by other
methods.   Orig. art. has: 5 figures.   [ND]

SUB CODE: 11, 13/ SUBM DATE: 13Jul65/ ATD PRESS: 5077

auth
Card 4/4

+ Khmelevskaya, N.A.

Country	: USSR
Category	: Soil Science. Physical and Chemical Properties of Soils.
Abs Jour	: RZhBiol., No 6, 1959, No 24611
Author	: Batalin, A. Eh.; Bogdanova, Ye. S.; Popova, Andal Sadovnikova, L. V.; Filimonova, Z. G.; Khmelevskaya, N. A.; Shtark, P. A.
Date	: All-Union Chemical Society lmnd D. I. Mendeleyev
Title	: The Contents of Boron, Cobalt, Copper, Molybdenum, Nickel, Manganese and Fluorine in Certain Soils of the Borschinskiy Rayon in Chkalovskaya Oblast.
Orig Pub	: Vest. Chkalovskogo Obl. otd. Vses. khim. ova im. D. I. Mendeleyeva, 1957, vyp. 7, 7-9
Abstract	: Determination of the microelements was conducted in the arable and subarable horizons of chernozem soils under different cultivations.
Card	: 1/3

Abstract	: Analyses were conducted according to the method of the Institute of Geochemistry and Analytical Chemistry AS USSR. The contents of the microelements fluctuate percentwise: B, 0.00003-0.0012; Co, 0.0004-0.0004; Cu, 0.0002-0.011; Mo, Co, 0.00011-0.036; Ni, 0.00000004; Mn, 0.0027-0.069; F, 0.0013-0.051. The quantity of the microelements in the investigated soils corresponds to their average content in the chernozem soils of the USSR. — K. I. Rudzyariser

26

Card	: 2/3
Card	: 3/3

KHMELEVSKAYA, N.V.

Biology of the Altaian pika (Ochotona alpina Pallas). Zool. zhur.
40 no.10:1583-1585 O '61.
(MIRA 14:9)

1. Biologico-Pedological Faculty, State University of Moscow.
(Kara-Koksha Valley--Pikas)

KHMELEVSKAYA, N.V.

Structure of the rodent hair cuticle, its variability and its
significance for systematics. Zool. zhur. 44 no.7:1064-1074
'65.
(MIRA 18:9)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo
universiteta.

KRUPKO, I.L., prof.; KHMELEVSKAYA, S.L.

 Disorders of the internal meniscus of the knee joint in children.
 Vest. khir. no.10:100-101 '64.   (MIRA 19:1)

 1. Iz kafedry travmatologii i ortopedii (nachal'nik - prof.
 I.L. Krupko) Voyenno-meditsinskoy ordena Lenina akademii imeni
 Kirova.

ZHUKOV, P. P., kand. med. nauk; KHMELEVSKAYA, S. L.

Ruptures of the anterior cruciform ligament and injuries associated
with it. Vest. khir. no.12:66-71 '61.   (MIRA 15:2)

1. Iz kliniki travmatologii i ortopedii (nach. - prof. I. L.
Krupko) Voyenno-meditsinskoy ordena Lenina akademii im. S. M.
Kirova.

(KNEE—WOUNDS AND INJURIES)

GORSHKOV, V.S., kand.tekhn.nauk; KHMELEVSKAYA, T.A., inzh.

Study of the hydration of the minerals in slags. Sbor.
trud. VNIINSM no.2:75-129 '60.   (MIRA 15:1)
                         (Hydration)
                         (Slag)

GORSHKOV, V.S.; KHMELEVSKAYA, T.A.

Formation of sulfide compounds in types of slag. Sbor. trud.
VNIINSM no.4:22-27 '61.   (MIRA 15:2)
                              (Sulfides)
                              (Slag)

GORSHKOV, V.S.; KHMELEVSKAYA, T.A.

Determination of changes in the linear deformations of hardened
clinker minerals and cements when heated by a method of complex
thermal analysis. Sbor. trud. VNIINSM no.4:77-87 '61. (MIRA 15:2)
(Cement clinkers—Testing)
(Cement—Testing)

GORSHKOV, V.S.; BUBENIN, I.G.; KHMELEVSKAYA, T.A.

Interaction of calcium chloride and gypsum with clinker
minerals and cements. Trudy MKhTI no.36:111-115 '61. (MIRA 15:7)
(Cement—Testing) (Lime, Chloride of) (Gypsum)

GORSHKOV, V.S., kand. tekhn. nauk; KHMELEVSKAYA, T.A., inzh.

Effect of the mineralochemical composition of blast and open-
hearth dump slags on their binding properties. Sbor. trud.
VNIINSM no.8:17-35 '63.   (MIRA 17:9)

FLID, R.M.; ALEKSEYEVA, N.F.; KHMELEVSKAYA, T.G.; GAYDAY, N.A.

Kinetics of liquid-phase hydrochlorination of acetylene in the presence of cuprous chloride. Kin.i kat. 4 no.5:698-705 S-O '63.   (MIRA 16:12)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni Lomonosova.

KHMELEVSKAYA, V.N.; YAKIMENKO, L.V.

Use of iron ionophoresis in the radiotherapy of pigmentary
tumors. Uch.zap. KHROI 7:84-89'61.   (MIRA 16:8)
    (MELANOMA)   (X RAYS—THERAPEUTIC USE) (IRON—THERAPEUTIC USE)

L 29601-66   WW
ACC NR: AP6014226   SOURCE CODE: UR/0115/66/000/003/0042/0044

AUTHOR: Svet, D. Ya.; Naryshkin, S. P.; Khmelevskaya, Ye. A.

ORG: none

TITLE: Using relative spectroreflectrometry to measure true temperatures

SOURCE: Izmeritel'naya tekhnika, no. 3, 1966, 42-44

TOPIC TAGS: temperature measurement, reflectometer

ABSTRACT: A method is proposed for using relative modulation reflectometry for measuring true temperature and simultaneously determining the radiating (reflecting) power of the emitting surface. The spectral radiance of the surface is determined from the coefficient of reflection for spectral sections in which the corresponding brightness or color temperatures for the surface are simultaneously measured. A specially designed reflectometric installation was used for application of this method to determining the true temperatures and coefficients of spectral radiating power for pure metal in the molten and solid state. Diagrams of the experimental setup are given and the method used for calibrating the instrument is discussed.

Card 1/2   UDC: 535.853:536.5

L 29601-66
ACC NR: AP6014226   0

Use of relative modulation reflectometry for measuring the true melting points of pure iron, nickel, cobalt and palladium gave results with an error of less than ±1%. The specially developed installation was used for measuring the true temperatures of these same metals as well as those of molybdenum and tungsten in the solid state. The method may theoretically be used for determining the true temperature of a surface with a radiating power which changes arbitrarily during measurement. A natural source of error in the use of this method is the difference in the coefficients of reflection with a change in the direction of the incident and reflected rays. This effect may be eliminated by reversing the optical system, i.e. interchanging the outside light source and the receiver by rotating the entire reflectometer system in the horizontal plane through 180°, or by using angles of incidence and reflection close to zero, which is also practically feasible. Orig. art. has: 2 figures, 11 formulas.

SUB CODE: 20/ SUBM DATE: 00/ ORIG REF: 005/ OTH REF: 003

Card 2/2

KIMELEVSKAYA, Ye.D.

Using cold models in studying the hydrodynamics and mass transfer between molten slag, metal and gas stream. Ispol'. tverd. topl., ser. maz. i gaza no. 5:193-219 '64   (MIRA 19:2)

L 00760-67   EWP(m)/EWT(1)/EWT(m)/EWP(t)/ETI   IJP(c)   GG/WW/JD

AUTHOR: Klmelevskaya, Ye. D.; Chukhanov, Z. F. (Corresponding member AN SSSR)

ORG: Power Engineering Institute im. G. M. Krzhizhanovskiy (Energeticheskiy institut)

TITLE: Investigation of hydrodynamics and mass exchange between a "sharp" gas jet and a liquid

SOURCE: AN SSSR. Doklady, v. 168, no. 6, 1966, 1307-1310

TOPIC TAGS: gas jet, hydrodynamics, mass exchange, FLUID SURFACE

ABSTRACT: The author considers interaction between a liquid and a gas jet which depresses the surface of the liquid. A double-jet model is proposed in which a forward jet is propagated from the nozzle and a reverse jet flows in the tapered annular channel formed by the expanding forward jet on the inside and by the surface of the liquid in the depression on the outside. Due to pulsations and vorticity of the surface, some gas bubbles and liquid drops may be formed at the interface between the liquid and the reverse gas jet. Even when blowing conditions are held constant, variations are observed in the width and depth of the depression which average ±5% and may reach ±50%. The following empirical equations were derived for the upper and lower diameters of the depression: $D_1/d = 1 + 0.305(h/d)^{0.96}$ and $D_2/d = 1 + 0.67(h/d)^{0.85}$. It was found on the basis of these equations that the apex angle is 14-18° for the forward jet and 5-20° for the

Card 1/2

UDC: 536.246+532.013.03

L 00760-67

ACC NR: AP6023208

reverse jet depending on the relative depth of the depression. Experimental curves are given for the depth of the depression, average diameter, velocity and Reynolds number for the reverse jet as functions of the gas jet velocity at the outlet of a 2.2 mm nozzle. An increase in gas velocity expands the depression but causes very little change in the velocity of the reverse jet. Experimental data are given from a study of mass exchange for absorption of ammonia by water. The results show that vorticity of the walls of the depression may increase the mass-exchange surface by a factor of $1\frac{1}{2}-2$. Experimental data show that the transfer function ϕ can be given in terms of the Archimedes number $Ar = w^2 \rho_{gas}/gd\rho_{liq}$ by the equation $\phi = 0.15 Ar^{-0.71}$. Orig. art. has: 4 figures.

SUB CODE: 20/ SUBM DATE: 21Jan66/ ORIG REF: 006/ OTH REF: 001

Card 2/2

KHMELEVSKAYA, E. M.

USSR/ Miscellaneous - Literature

Card 1/1   : Pub. 124 - 29/38

Authors   : Khmelevskaya, E. M.

Title   : Pushkin and Ukrainian literature

Periodical   : Vest. AN SSSR 8, 101-103, Aug 1954

Abstract   : Minutes of the 6-th All-Union Pushkin Club Conference held June 1954,
               in Leningrad celebrating the 300-th anniversary of annexation of the
               Ukraine to Russia. The contributions of Pushkin to Ukrainian-Russian
               literature were discussed.

Institution : .....

Submitted   : .....

30(6)

AUTHOR: Khmelevskaya, Ye. M.   SOV/30-58-11- 44/48

TITLE: Turgenev Days (Turgenevskiye dni)

PERIODICAL: Vestnik Akademii nauk SSSR, 1958, Nr 11, pp 133-134 (USSR)

ABSTRACT: On September 3, 1958, 75 years had passed since the death of
             Turgenev and on November 9, 140 years since his birth. On this
             occasion a scientific meeting was held in Orel, where Turgenev
             was born. It had been organized by the Orlovskiy gosudarstven-
             nyy muzey I. S. Turgeneva i Institut russkoy literatury
             (Pushkinskiy Dom) Akademii nauk SSSR (I. S. Turgenev State
             Museum in Orel and the Institute of Russian Literature (Pushkin
             House) of the AS USSR). Present at the meeting were Soviet
             literary historians and writers as well as foreign linguists
             from France, England, the Netherlands, Poland, Bulgaria,
             Czecho-Slovakia, and the German Democratic Republic, who had
             participated in the Fourth International Congress of Slavists
             in Moscow. Opening speeches were held by I. G. Erenburg and a
             number of foreign participants, stressing the importance of
             Turgenev as a humanist writer, artist of the word and re-
Card 1/2   presentative of classical Russian literature. 25 scientific

Turgenev Days

reports and communications were given at the meeting. Amongst others, reports were given by: M. P. Alekseyev, Member, Academy of Sciences, USSR, on the studies made of Turgenev's works all over the world. V. V. Vinogradov, Member, Academy of Sciences, USSR, on I. S. Turgenev and the school of the young Dostoyevskiy. A. I. Beletskiy, Member, Academy of Sciences, USSR, on Turgenev and Ukrainian literature. Yu. G. Oksman, Professor, on new aspects of the study of Turgenev's works. L. P. Grossman, Professor, on the influence of the dramatic works of Turgenev upon the development of outstanding Russian actors. V. G. Natadze, A. I. Ioannisian on the influence of the works of Turgenev upon the development of the literature of Georgia and Armenia. Ye. I. Kozhukhova, Director of the I. S. Turgenev State Museum in Orel, on the work of the Museum in the course of 40 years. In 1921, a branch of the Museum was established on the estate of Turgenev, Spasskoye-Lutovinovo. In 1957, another branch of the Museum, the Museum of Orel Writers was opened in Orel, which is dedicated to T. N. Granovskiy, N. S. Leskov, L. N. Andreyev, D. I. Pisarev, I. A. Bunin and M. M. Prishvin. The Museum published compendia concerning the life and work of Turgenev and holds scientific conferences and meetings.

Card 2/2

KHMELEVSKAYA, Z.I.

Case of prolonged course of metastatic hemangioendothelioma.
Med.rad. 9 no.9:43-45 S '64.   (MIRA 18:4)

1. Rentgenoterapevticheskiy otdel (zav. I.A.Pereslegin) Nauchno-
issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva
zdravookhraneniya RSFSR.

IL'KOVA, Ye.M. (Moskva); MIKHELSOVSKAYA, Z.I. (Moskva)

Radiotherapy of the pulmonary form of lymphogranulomatosis.
Trudy TSentr. nauch.-issl; inst. rentg. i rad. 11 no.1:201-
207 '64.   (MIRA 18:11)

1. **A. KHMELEVSKIY**

2. USSR (600)

4. Bearings (Machinery)

7. Arrangement for grinding main bearings in engine blocks. NTS 12
   no. 11. 1952.

9. Monthly List of Russian Accessions, Library of Congress, __April__ 19;53, Uncl.

KHMELEVSKIY, A.A., inzh.-gidrogeolog

Manufacture of filters for water intake wells in a plant. Gidr,
i mel. 17 no.4:57-58 Ap '65.   (MIRA 18:5)

1. Goszemvodkhoz SSSR.

57-28-6-31/34

AUTHORS: Agrest, M. M., Maksimov, M. Z., Khmelevskiy, A. K.

TITLE: The Determination of the Solid Angle Formed by a Circular
Target With Respect to the Point Source (Opredeleniye telesnogo
ugla, obrazovannogo krugloy mishen'yu otnositel'no tochechnogo
is_tochnika)

PERIODICAL: Zhurnal Tekhnicheskoy Fiziki, 1958, Vol. 28, Nr 6,
pp. 1345 - 1348 (USSR)

ABSTRACT: In the present work the authors developed a final and accurate
formula for the determination of the solid angle formed in
space with respect to any point. In spherical coordinates the
required solid angle is expressed in the case $p > R$ by the for-
mula

$$\Omega = \frac{1}{2\pi} \int_{0}^{\psi_1} d\varphi \int_{\theta_1}^{\theta_2} \sin\theta \, d\theta.$$

Card 1/3   Calculation of Ω is rendered considerably more simple if the

The Determination of the Solid Angle Formed by a   57-28-6-31/34
Circular Target With Respect to the Point Source

table for total elliptical integrals of the 3. kind $II(n,k)$, if $k^2 < n < 1$, as developed by Heuman (Reference 7) is used. Ω is determined according to the following formula:

$$\Omega = \frac{1}{4} - \frac{\gamma}{2\pi\sqrt{\gamma^2+(1+\mu)^2}} K(k) + \frac{\mu-1}{4|\mu-1|}\left\{\Lambda(\gamma,\delta)-1\right\}$$

The formulae obtained can be used in calculation of the share of radiation of surface emitters on a round detector. Especially the share of radiation of the inner surface of the hollow cylinder with the radius R and the height H, which impinges upon a target of the same radius with the center on the cylinder axis and which is located at a distance d from its upper base, can be determined according to the formula

$$\eta = \frac{1}{2} + \frac{2R}{\pi H}\left\{\frac{1}{k_0} E(k_0) - \frac{1}{k_1} E(k_1)\right\}$$

Card 2/3   There are 1 figure and 7 references, 2 of which are Soviet.

The Determination of the Solid Angle Formed by a   57-28-6-31/34
Circular Target With Respect to the Point Source

ASSOCIATION: Fiziko-tekhnicheskiy inst. AN Gruzinskoy SSR (Institute of
                Physics and Technology, AS Georgian SSR)

SUBMITTED: May 10, 1956

           1. Radiation—Mathematical analysis

Card 3/3

KHMELEVSKIĬ, A. V.

Peredelka zapadnoveropeĭskikh parovozov na koleiu SSSR. Moskva,
Transzheldorizdat, 1944. 38 p. illus.

Remodeling West-European locomotives for the gages of the USSR.
                                       DLC: TF244.K5

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of
Congress, 1953.

KHMELEVSKIY, A.V.

BLINOV, Ivan Petrovich, geroy sotsialisticheskogo truda; KHROMCHENKO,
I.A.; KHMELEVSKIY, A.V., inzhener, redaktor; KANDYKIN, A.Ye.,
tekhnicheskiy redaktor.

[Running fast heavy load trains] Skorostnoe vozhdenie tiazhelo-
vesnykh poezdov. Moskva, Gos.transp.zhel-dor.izd-vo, 1954. 86 p.
(Railroad--Freight)   (MLRA 9:1)

KHMELEVSKIY, A. V.

KHMELEVSKIY, A.V., inzhener; SHIRMAN, A.N., inzhener, redaktor.

[Locomotives; equipment and operation] Parovozy; ustroistvo i obsluzhivanie. Moskva, Gos. transp. zhel-dor. izd-vo, 1954. 439 p.   (MLRA 7:8)
    (Locomotives)

KHMELEVSKIY,A.V., inzhener; TSELISHCHEV,P.A., inzhener, redaktor;
KHITROV, P.A., tekhnicheskiy redaktor.
[Locomotives; equipment and operation] Parovozy; ustroistvo
i obsluzhivanie. Izd. 2-e, perer. i dop. Moskva, Gos. transp.
zhel-dor. izd-vo, 1955. 495 p.   (MIRA 9:4)
                    (Locomotives)

KHMELEVSKIY, A.V., inzh.

Nature of the wear and installation of crankshafts. Elek.i tepl.
tiaga 5 no.4:18-21, 3 of cover Ap '61.   (MIRA 14:6)
(Diesel locomotives) (Cranks and crankshafts)

KHMELEVSKIY, A.V., inzh.

Wear and damage of the crankshafts and wear of the bushings of the
2D100 diesel engine. Trudy TSNII MPS no.230:19-45 '62. (MIRA 15:7)
(Diesel locomotives)   (Diesel engines)

KHMELEVSKIY, A.V., inzh.

Selecting the permissible wear limits of the crankshafts and
bearings of diesel locomotive engines. Vest. TSNII MPS 22
no.4:28-32 '63.   (MIRA 16:8)

(Diesel locomotives—Maintenance and repair)

L L2032-65   UMT(1)/EWA(b)   Pet

A ....

TITLE Decimal counter with variable scaling modulus. Class 9.. ...

. rvth mnukov. no. 7, 1965. ...

'a comparison ... .. .t . shaper and delay .... .ting valves and register

C.....

A.. .A.. .b

SUBMITTED: ....

.q . .. .

OTHER: 000

NO ... .

KHMELETSKIY, B. N.

ZAMAKHOVSKAYA, Aleksandra Grigor'yevna; LAPINA, Nina Vladimirovna;
KHMELETSKIY, B.N., redaktor; MELIDOVA, E.S., redaktor izdatel'stva;
TIKHONOVA, Ye.A., tekhnicheskiy redaktor

[Planning and analyzing cost of ship repairs in shops of the
Ministry of the Merchant Marine] Planirovanie i analiz sebestoimosti
sudoremonta na zavodakh Ministerstva morskogo flota. Moskva, Izd-vo
"Morskoi transport," 1956. 125 p.   (MIRA 10:7)
        (Ships--Maintenance and repair)

GINZBURG, A.G.; GOLOSHCHAPOV, Yu.N., red.; KHMELEVSKIY, B.N., red.;
      SOKOLOVA, N.N., tekhn. red.; TRUKHINA, O.N., tekhn. red.

[What should the collective-farm chairman and the state-farm
director know about veterinary regulations of the U.S.S.R.]
Chto nuzhno znat' predsedateliu kolkhoza i direktoru sov-
khoza o veterinarnom ustave SSSR. Pod red. IU.N.Goloshchapova.
Moskva, Sel'khozizdat, 1962. 63 p.   (MIRA 15:6)
      (Veterinary hygiene—Law and legislation)

TOMME, M.F., prof., red.; KHMELEVSKIY, B.N., red.; TRUKHINA, O.N.,
    tekhn. red.

[Carbamide in the feeding of ruminants] Karbamid v kormlenii
zhvachnykh zhivotnykh. Pod obshchei red. M.F.Tomme. Moskva,
Sel'khozizdat, 1963. 246 p.   (MIRA 16:7)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im.
V.I.Lenina.2. Chlen-korrespondent Vsesoyuznoy akademii sel'-
skokhozyaystvennykh nauk im.V.I.Lenina (for Tomme).
            (Cattle--Feeding and feeds)
            (Sheep--Feeding and feeds)(Urea as feed)

KHMELLYSKIY, B.H.

POZHIDAYEV, N.N.; SERGEYEV, V.Ya.; KHMELEVSKIY, B.P., dotsent, kandidat tekhnicheskikh nauk; MEN'KOV, V.G., dotsent; KOFMAN, D.M., kandidat tekhnicheskikh nauk.

Response to M.P.Gorbachev, V.S.Kudriavtseva, and T.A. Frolovaia's review of N.I.Truevtsev's book "Mechanical technology of fibrous materials". Tekst.prom. 15 no.1: 50-54 Ja '55.   (MIRA 8:2)

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KHMELEVSKIY, G., inzh.-polkovnik, dotsent, kand.tekhn.nauk

Ways of delivering a strike to a target. Voen. znan. 37 no.9:22-23
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KHMELEVSKII, G. V.

AIR

Armament

O Vyboro Aviatsionnogo Oruzhiia dlia Doistviia po Bronedseliam (On the Selection of an Aircraft Weapon for Action Against Armored Targets). G. V. Khmelevskii. The fundamental conditions necessary for efficient attack against armored targets on the ground are outlined as a guide to the airplane designer and as an aid to the pilot in selecting a definite method of attack. Ranges, firing, and pull-out altitudes are tabulated for a FW 190 airplane at various diving angles, flight velocities, and loads. From this table a graph is constructed, showing the variation of the mean firing range in relation to the diving angle. The impact velocity and armor-piercing characteristics of projectiles of 15-mm. and 20-mm. caliber, fired from automatic weapons of the MG-151 type against armor plate of various thicknesses, are computed from ballistics tables compiled by the Soviet Air Force Academy and by De Marre's formula. The data calculated by the writer are applied to problems of armament selection and tactical employment of aircraft. Tek nika Vozdushnogo Flota, February, 1945, pp. 26-28, 38, 4 illus.

AUTHORS: Plotnikova, G., Post-graduate Student,   S/029/60/000/04/013/032
              Khmelevskiy, I., Post-graduate   B008/B102
              Student, Both at the Institute of
              Mechanics, AS USSR

TITLE: On the Competition for the Lenin Prize. Outstanding Work in the
              Field of the Theory of Stability

TEXT: In this article the authors give an account on the work by the late
scientist Nikolay Gur'yevich Chetayev (deceased October 1959), Corresponding
Member Akademii nauk SSSR (Academy of Sciences, USSR) in the field of the theory
of stability. In the Twenties, N. G. Chetayev began to further develop the
methods of Aleksandr Mikhaylovich Lyapunov who in 1892 solved the general problem
of stability of motion. He established the theory of aeroplane stability, solved
numerous problems concerning the stability of motion of gyroscopes, projectiles
and rockets. Furthermore, N. G. Chetayev devoted much work to the investigation
of various problems in theoretical mechanics, and especially, to the optical-
mechanical analogy. The problem of the analogy between theoretical mechanics
and wave optics has been set already in the middle of the 19th century. 100 years
later it was solved by Chetayev after Einstein's suggestion. He stated that the
equations of wave optics are similar to the equations which describe the motion

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On the Competition for the Lenin Prize.   S/029/60/000/04/013/032
Outstanding Work in the Field of the Theory of   B008/B102
Stability

of stable systems. Chetayev developed an intensive pedagogical activity. The
Kazanskiy aviatsionnyy institut (Kazan' Aviation Institute) was founded thanks to his
initiative. Since 1940 he lectured at Moskovskiy universitet (Moscow University)
and supervised the work in the field of theoretical mechanics at the Institut
mekhaniki Akademii nauk SSSR (Mechanics Institute of the Academy of Sciences, USSR).
A number of papers written by him in the field of stability of motion and theoreti-
cal mechanics was recommended to be entered in the Lenin prize competition.

ASSOCIATION: Institut mekhaniki AN SSSR (Mechanics Institute of the AS USSR)

Card 2/2

FILIMONOV, F. (g. Vol'sk); KHMELEVSKIY, I., matematik

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